

A horizontal row of 20 empty rectangular boxes, likely a template for a survey or questionnaire.

□ □ □ □ □ □

leukotomy
Molecular Clock
Behaviorism
tradeoff
“” Demis Hassabis Deepmind potentially a meta-solution to any problem Deepmind Reward is Enough

causation Demis

Hassabis 任何問題

Demis Hassabis 任何問題

任何問題

任何問題 SAE level 4

任何問題 Waymo SAE level 4 SAE level 5

任何問題 SAE level 4

任何問題

AI: A Modern Approach

任何問題 AlphaGo Zero

Leukotomy Leukotomy Leukotomy selfish gene

logical positivism logical empiricism

任何問題

Universal Approximation Theorem Nash Embedding Theorems word-embedding Vector Space

Deepmind AlphaGo Zero

Deepmind reward Deepmind Reward is Enough

Deepmind reward Deepmind Reward is Enough

Deepmind reward Deepmind Reward is Enough

A Treatise on Probability causation

causation

causation

1

2

3

“Confucius taught that marriage lies at the foundation of government.” causation

Marc Aurel Stein John Leighton Stuart

causation

causation

Demis Hassabis

Totally Ordered Set

causation

Hawthorne effect چیست؟

ANSWER

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context

ANSWER

自然科学

自然哲学の歴史

自然科学の歴史は、その歴史そのものであり、その歴史は、その歴史そのものである。

First, if scientists have tried, and failed, to come up with an alternative theory that explains a phenomenon well, that counts as evidence in favor of the original theory. Second, if a theory keeps seeming like a better idea the more you study it, that's another plus-one. And if a line of thought produced a theory that evidence later supported, chances are it will again.

自然哲学の歴史Historia Naturalis Philosophiae Naturalis Scientia naturalis

Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics? the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically almost

The Many-worlds Interpretation

“”

“”

自然哲学の歴史Historia Naturalis Philosophiae Naturalis Scientia naturalis

6 of 6

A horizontal row of 20 empty square boxes for writing names.

1975 Robert McNamara 1976 Steve Jobs
Apple

Deep Learning □ reinforcement learning □ Brain in a vat □

Demis Hassabis 指出 AI 可能是任何问题的元解决方案，但“元哲学”从人类的角度看并不奏效

superstition

5G/6G|Starlink|
|

A horizontal row of 15 empty square boxes, intended for children to draw or write in.

A horizontal row of 20 empty rectangular boxes, intended for children to practice writing their names. Each box is a simple rectangle with a thin black border.

McNamara Kissinger Aspen Institute Henry Kissinger

1945 1967

□ AlphaGo Zero は超人間的 superhuman な強さをもつた人工知能

Deep Learning Is Hitting a Wall <https://nautil.us/deep-learning-is-hitting-a-wall-14467/>

not scaling toxicity

AI

AI

AI

1. UTStarcom

2. UTStarcom

3. WebExZoom

4. Aldebaran Robotics ARM Pepper

Nvidia ARM Alphabet

AI

AI

AI

AI

AI

AI

common sense

Historia Naturalis

Philosophiae Naturalis

Philosophiae Naturalis

Marvin Minsky

The Emotion Machine: Commonsense Thinking, Artificial Intelligence, and the Future of the Human Mind

Minsky

AI: A Modern Approach

Pepper

consciousness

killing

consciousness

consciousness

consciousness

consciousness

二〇〇〇年九月

二〇〇〇年九月二〇日